

HEADMIC SET

ew D1-ME3

evolution wireless D1

FEATURES

- Lightweight and robust: headset microphone for excellent speech intelligibility
- Up to 15 compatible channels (under optimal conditions) in license-free 2.4 GHz band
- Automatic frequency management
- Prevents interference: Intelligent channel back-up allows co-existence with Wi-Fi & Bluetooth
- Audio effects: equalizer, de-esser, automatic gain control
- iOS & Android app for remote control and monitoring of the system
- Rugged metal housing



DESCRIPTION

HD Live sound and highest range: the digital D1 HEADMIC SET operates in a license-free 2.4 GHz band and can be monitored via remote control iOS and Android app. Intelligent channel back-up allows co-existence with Wi-Fi and Bluetooth. The system comes in a rugged transport case consisting of an EM D1 1/2 19" rackmount receiver, a lightweight SK D1 bodypack transmitter, a headset microphone for excellent speech intelligibility, power supply, battery holder and 2 AA batteries.



SCOPE OF SUPPLY

- EM D1 rackmount receiver
- SK D1 bodypack transmitter
- ME 3-II headset microphone
- Power supply
- Battery holder
- 2x AA batteries
- Transport case
- User manual

RECOMMENDED ACCESSORIES

- GA 4 rackmount kit for EM D1
- BA 30 rechargeable battery pack for SK D1
- CHG-2 charging unit for SKM D1 and SK D1

TECHNICAL DATA

SYSTEM	
AF frequency response	20 to 20.000 Hz
Dynamic range	> 135 dB (A)
THD (1 kHz)	typ. < 0,1 %
Audio sampling	24 bit/48 kHz
Signal-to-noise ratio	≥ 105 dB (A)
RF frequency ranges	2,400 to 2,483.5 MHz
Modulation	GFSK with back channel
Transmission method	TDMA
time diversity	
frequency diversity	
fast switching antenna diversity	
Latency	3.9 ms
Audio codec	APT-X Live
Temperature range*	relative air humidity max. 95 % Operation: – 10 °C to +55 °C Storage: – 20 °C to +70 °C

* The temperature range is influenced by the battery characteristics

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TECHNICAL DATA

SK D1

RF output power100mW/adaptive or 10mW
(country-specific)

AF frequency response

Mic50 to 20,000 Hz

Line.....20 to 20,000 Hz

Max. input level

Mic2.2 V RMS

Line.....3.3 V RMS

Line input impedance1 MΩ

Input sensitivityautomatic sensitivity adjustment

Power supply

Batteries2 x AA size battery (1,5V)

Accupack*BA 30 (Li-Ion, 3.7V)

Operating time

Batteriestyp. 6 h

Accupack*typ. 11 h

AF connection socket3.5 mm jack socket, lockable

Weight (w/o batteries)approx. 85 g
* optional accessory

EM D1

RF sensitivity<-90 dBm

RF output powerback channel 10 mW/100 mW
(country-specific)

Audio output level gainMic/line level switch -24 dB/0 dB
XLR, balanced max +18 dBu
Jack, unbalanced/balanced max
+12 dBu/max +18 dBu

Audio effects

Low cut-3 dB at 120 Hz

Equalizer7-band graphic equalizer

De-essermulti-frequency targets

Automatic gain control (AGC)compression/expansion with auto-
matic make-up gain function

DisplayOLED

AF connection socketsXLR/1/4" (6.3 mm) jack

Antenna sockets2 x Rev-SMA

Network socketRJ45

Network protocolMedia Control Protocol
TCP/IP IPv4 (DHCP, Manual)/IPv6

Power supply12 V DC hollow jack

Current consumption350 mA

Weightapprox. 824 g

MICROPHONE

ME 3-II

Microphone type pre-polarized condenser

Sensitivity 1.6 mV/Pa

Pick-up pattern cardioid

Max. SPL 150 dB SPL

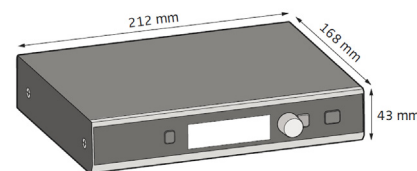
CONNECTIONS

EM D1

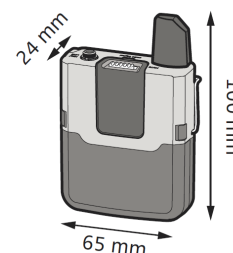


DIMENSIONS

EM D1



SK D1



PRODUCT VARIANTS

505801 ew D1-ME3-H-EUHeadmic Set, 10mW

505810 ew D1-ME3-H-UKHeadmic Set, 10mW

505821 ew D1-ME3-NH-USHeadmic Set, 100mW

506149 ew D1-ME3-NH-NTHeadmic Set, 100mW